

# **The Development of Liberal Arts and Sciences**

Technological Singularity

[1] A horizontal sequence of 20 small square icons, each containing a different symbol from the International Phonetic Alphabet (IPA).

[2] [Home](#) | [About](#) | [Services](#) | [Contact](#)

A decorative horizontal bar consisting of a series of small, evenly spaced rectangles.

[4] [View all posts](#)

[5]

[6]

[7] 

ابن حیثام Ibn al-Haytham

13 14

A horizontal row of fifteen empty square boxes, intended for children to write their names in, likely as part of a classroom activity.

15-16 世紀の初期ルネサンス建築は、既存の技術と新しい発見を組み合わせて、**well-controlled** な構造を実現する能力を示す。Filippo Brunelleschiによるサン・ロレンツォ教会のドーム構造はその典型例である。

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論文の評議会で議論する [9] または論文を提出する [10] など、論文を提出するための手順

論文を提出する [11] など、論文を提出するための手順

論文を提出する [12] など、論文を提出するための手順

論文を提出する [13] など、論文を提出するための手順

論文を提出する [14] など、論文を提出するための手順

論文を提出する [15] など、論文を提出するための手順

論文を提出する [16] など、論文を提出するための手順

論文を提出する [17] など、論文を提出するための手順

論文を提出する [18] など、論文を提出するための手順

論文を提出する [19] など、論文を提出するための手順

論文を提出する [20] など、論文を提出するための手順

論文を提出する [21] など、論文を提出するための手順

論文を提出する [22] など、論文を提出するための手順

論文を提出する [23] など、論文を提出するための手順

論文を提出する [24] など、論文を提出するための手順

100 / 100

19 19 19  
19

1819

Ferdinand Karl Schweikart 1830

[17] 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

[18] 〔 〕

[19]

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A horizontal row of 20 empty rectangular boxes, each with a thin black border, intended for handwritten responses.

二〇二〇年十一月二十日

20

『Forrest Gump』 Forrest Gump  
『A City upon a Hill』 [22]

『leukotomy』 Forrest Gump  
『A City upon a Hill』 [23]

『Forrest Gump』 Forrest Gump  
『A City upon a Hill』

『Forrest Gump』 Forrest Gump  
personality □ intelligence

『Forrest Gump』 [24] Forrest Gump  
『A City upon a Hill』

『Forrest Gump』

20 『Forrest Gump』 Forrest Gump  
『A City upon a Hill』

『mainframe』 personal computer □ smartphone 『Forrest Gump』  
『A City upon a Hill』

『leukotomy』 Forrest Gump  
『A City upon a Hill』

『(Karl Popper)』 Forrest Gump  
『A City upon a Hill』

『Forrest Gump』 Forrest Gump  
『A City upon a Hill』

『Forrest Gump』 Forrest Gump  
『A City upon a Hill』 [25]

『Forrest Gump』 Forrest Gump  
『A City upon a Hill』

『Turing Test』 AlphaGo  
Zero 『datasets』

图灵机 Turing Machine  
泛函逼近定理 Universal approximation theorem

技术奇点 Technological Singularity

AI: A Modern Approach Wind Tunnel approach

自动驾驶 SAE level 5  
SAE level 4  
SAE level 4  
SAE level 4

AlphaGo Zero Nature superhuman Superhuman generic human  
generic generic superhuman AlphaGo Zero

朴素经验主义

朴素经验主义

奥卡姆剃刀律 Occam's Razor

奥卡姆剃刀律 Occam's Razor

朴素经验主义

奥卡姆剃刀律

朴素经验主义

朴素经验主义

朴素经验主义

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~~~~~The Selfish Gene or The  
Immortal Gene~~~~~

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~~~~~Gu Test A Progressive  
Measurement Of Generic Artificial Intelligence~~~~~

~~~~~[26]~~~~~  
~~~~~guideline judgement~~~~~“”~~~~~  
~~~~~[27]~~~~~

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~~~~~Leukotomy~~~~~

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~~~~~Technological Singularity~~~~~

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[1]~~~~~

[2]~~~~~

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[3]~~~~~ Chinese room~~~~~

In Math We Trust

Technological Singularity

[4] guideline judgement

“In Math We Trust”

[5] guideline judgement

[6] guideline judgement

“In Math We Trust”

[7] John Philoponus

Ibn al-Haytham

[8] architect architect methodology

[9] personality

[10] personality personality

physical sciences

[11] 1630

1632

[12] 1687 Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

1687 Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

[13] 1687 Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

Je pense, donc je suis. Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

Je pense, donc je suis. Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

[15] 20 insights Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

20 insights Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

20 insights Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

20 insights Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

[16] Ferdinand Karl Schweikart Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

Ferdinand Karl Schweikart Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

[17] Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

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Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

Gödel's theorems suggest metaphysics from humans may not work. I do not cross the boundary between religion and science.

Литература

[19] [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#)

[20] [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#) Filippo Marinetti «Manifesto del Futurismo»

Technological Singularity [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#)  
Nature [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#) AlphaGo Zero [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#) superhuman

go rogue [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#) go rogue [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#)

Литература

[21] [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#) 1917 [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#)

Литература

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Литература

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1917 [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#) 1917 [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#)

(Лара) [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#)

Литература

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[22] [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#) 1917 [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#)

Technological Singularity [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#)  
[https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#)

Литература

[23] [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9303233/](#)

“”

[24] 二〇一〇年十一月三十日  
二〇一〇年十一月三十日

ARBEIT MACHT FREI

go rogue □ vandalist □

AlphaGo Zero یعنی آلفا گو زدرو Nature یعنی AlphaGo Zero یعنی  
آلفا گو زدرو یعنی آلفا گو زدرو superhuman performance یعنی آلفا گو زدرو

Jack یعنی Ralph یعنی Ralph یعنی Ralph یعنی Ralph یعنی Ralph یعنی  
leader یعنی Piggy یعنی Ralph یعنی Ralph یعنی Ralph یعنی Simon یعنی Simon

The Development of Liberal Arts and Sciences یعنی